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dbEST Id: 1075499
EST name: zw78b02.s1
GenBank Acc: AA432248
GenBank qi: 2114636

Clone Id: IMAGE:782283 (3')
Source: IMAGE Consortium, LLNL
DNA type: cDNA

Sequencing: -41m13 fwd. ET from Amersham
PolyA Tail: Unknown

TTTTTTTTTTTTTTTTCATTTTGAAAATGCTTTAATAAGTGTTGACAACACTGTTTTGCAA
AATGTAAAGATACTATACAAATTCTTAATACAAAAAGAATAAATTAAAAGCAGATTTCTT
TTTTTAATTCTGCAACTTTGTCTACAACGTACATCTTTTTTCATTGATTACAGTTGAACAG
AATCCAGTAAATCATTTTACATGCTCTACAGTCAGTTTCAGGAGCAACCTAATCTTTTT
TCCCCATTATTAAACTAGAGTCCATTTTACACAACCTTGTAATAAACTATTGACATTAAT
GTATATGTAAAACTTTACACCTAGTTAACTAAGCAGTAACTGGTCATCTGATAGCACCTG
GATGGGGTTTGCTATATTTAGAACTAAACTAATACTGAATGAAAACAAATTGGAATTTTA
A

Entry Created: May 22 1997
Last Updated: May 22 1997

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

```

Lib Name:      Soares_testis_NHT
Organism:      Homo sapiens
Sex:           male
Lab host:      DH10B
Vector:        pT7T3D-Pac (Pharmacia) with a modified polylinker
R. Site 1:     Not I
R. Site 2:     Eco RI
Description:    1st strand cDNA was prepared from mRNA obtained from
                Clontech Laboratories, Inc., and primed with a Not I -
                oligo(dT) primer [5'
                TGTTACCAATCTGAAGTGGGAGCGGCCGCCCAATTTTTTTTTTTTTTTTTT 3'].
                Double-stranded cDNA was ligated to Eco RI adaptors
                (Pharmacia), digested with Not I and cloned into the Not I

```

and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization to Cot5, and was constructed by Bento Soares and M. Fatima Bonaldo.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: WashU-Merck EST Project 1997
Authors: Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost ,S., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra,M., Martin ,J., Moore,B., Schellenberg,K., Steptoe,M., Tan,F., Theising ,B., White,Y., Wylie,T., Waterston,R., Wilson,R.
Year: 1997
Status: Unpublished

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CGCTCAGGATAGGACTTCGCTCCTAGATGATCGGATCCCGGGGATTATTATATAGCTCGATCGATCT
TTCTCTATATCCGCGTATGGGATATATACACACACATGCGCGGATAGCATGACTGATCT
CCCCATCT
CACAGACCTACGCT

PubMed

Nucleotide

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Genome

Structure

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Details

 Show: ☐ 1: H18957. ym46g08.s1 Soares...[gi:885197]

Links

IDENTIFIERS

dbEST Id: 278895
EST name: ym46g08.s1
GenBank Acc: H18957
GenBank gi: 885197
GDB Id: 424323

CLONE INFO

Clone Id: IMAGE:51513 (3')
DNA type: cDNA

PRIMERS

Sequencing: Promega. -21m13
PolyA Tail: Unknown

SEQUENCE

TTTTTTTTTGTTTTAAACACTTTATTTATAAAAAAGTACATTTTAAATCCTCAGTACATT
TTCAACCCATCATTTTTTTTTTAAATACAAGTAAAAGGGGGTGATGCAAACACCCCCCAGGT
CAGAACCAGGAGGATCTGCTGGGCTGTCCCTGGACCAAAGGCGGAAAGGGCGACAAGACG
CCGAAGCAAGGTAGCGCATCACGCTGGGAGGGGAGGGTGGCAGCTTCTCCTGGGATTCTT
TTCATTTATACAAAAAGGAAAACCAATTTTTTCGACCAAGAATCCCATTCTCACAGCA
GGGGTCAGAAGAGCAGCAGCACCGAGT

Quality: High quality sequence stops at base: 305

Entry Created: Jun 29 1995

Last Updated: Jun 29 1995

COMMENTS

High quality sequence stops: 305
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL ; contact
the IMAGE Consortium (info@image.llnl.gov) for further
information.

LIBRARY

Lib Name: Soares infant brain 1NIB
Organism: Homo sapiens
Sex: female
Organ: whole brain
Develop. stage: 73 days post natal
Lab host: DH10B (ampicillin resistant)
Vector: Lafmid BA
R. Site 1: Not I
R. Site 2: Hind III
Description: 1st strand cDNA was primed with a Not I - oligo(dT) primer
[5' AACTGGAAGAATTCGCGCCGAGGAATTTTTTTTTTTTTTTTTT 3'];
double-stranded cDNA was ligated to Hind III adaptors

(Pharmacia), digested with Not I and directionally cloned into the Not I and Hind III sites of the Lafmid BA vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P.,
Wilson,R.
Year: 1995
Status: Unpublished

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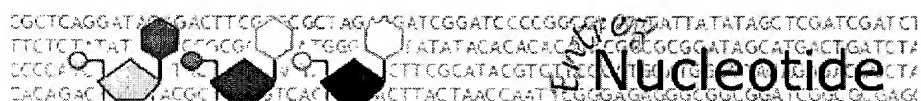
Jun 19 2003 12:37:45

Year: Quackenbush, J.
2000
Status: Unpublished

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dbEST Id: 477121
EST name: za35d03.s1
GenBank Acc: N71027
GenBank gi: 1227607
GDB Id: 1239454

Clone Id: IMAGE:294533 (3')
Source: IMAGE Consortium, LLNL
DNA type: cDNA

Sequencing: m13 -40 forward
PolyA Tail: Unknown

AACCTAGACAAAAAGAAGAACCAAGTATAATAAAAAAATCAAGAAACATGACAATAATG
GAGACTAAATCCCTCGATGGAAAAGATTATAATCATAAATGTAAGCCTTAAAGAGTTAAC
TTTAGATGTAGACAAAGTCAAACTGAAGCACTAAAAACATGTTTCGACCTTATATAACACAT
TCCTTAGGGGGAAAAAAGATTTTTTAAATTATGGAAAAAATATGGTTAGGCATAGTGGCT
CATGCCGTGAATCCCGACACATTCAGAGGCCAAGGCGGGAGGACTGCTTGAGCTTAGGAG
TTCAAGACCAGCCTGGGCAACATAGTGAGACCTTGTCTCTACTTAAAAACCTAAAAAGAT
TAGCTGAGTATGGGTGGCATGCACCTATAGTCCCCGGCTACTANGGGAAGCTGAGGGC

Quality: High quality sequence stops at base: 362

Entry Created: Mar 14 1996
Last Updated: Mar 14 1996

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

PUTATIVE ID	Assigned by submitter
	contains Alu repetitive element;

Lib Name: Soares fetal liver spleen 1NFLS
Organism: Homo sapiens
Sex: male
Organ: Liver and Spleen
Develop. stage: 20 week-post conception fetus
Lab host: DH10B (ampicillin resistant)
Vector: pT7T3D (Pharmacia) with a modified polylinker
R. Site 1: Pac I
R. Site 2: Eco RI

Description: 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P., Wilson,R.
Year: 1995
Status: Unpublished

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CGCTCAGGATACGACTTCGTCGCTAGATCGGATCCCGGAGGATATTATATAGCTCGATCGATCT
TTCTCTATATCGCGGATGCGGATATATACACACACACGCGCGGATAGCATGACTGATCTA
CCCCATCT
CACAGACT

PubMed

Nucleotide

Protein

Genome

Structure

PMC

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Details

Display

default

Show:

20

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☐ 1: AA410986.zv03a05.s1 Soares...[gi:2070092]

Links

IDENTIFIERS

dbEST Id: 1055547
EST name: zv03a05.s1
GenBank Acc: AA410986
GenBank gi: 2070092
GDB Id: 5975360

CLONE INFO

Clone Id: IMAGE:752528 (3')
Source: IMAGE Consortium, LLNL
DNA type: cDNA

PRIMERS

Sequencing: -41m13 fwd. ET from Amersham
PolyA Tail: Unknown

SEQUENCE

TTTTTTTTTTTTTTTTTGGGGTAGAGCAGCATCTATTTAATATAATTTTTATATAGAAA
ATACAGGCATATTTAAAAATGGAAACATGTAAGAAAGTATGTCACAAGGAATAACAAAAT
ATATCACAAAATAAAAAAGTAACCCCAAGTAACAAGTTTACTAAACAAGACCCAGCACC
ATGTTGGACTTTCTTTGCATAAGTTCCAGGATGCCCAGGCACTACCGAGGAGAGATGATC
CTGCTTTTGGGAGAGCCAGATGGTTCGTGCAGTGGTTAAAACCCAGTCCTCCTTTTCTGG
AACAGTTATGTCCCGTCCAAGAAGAAAGACATTGACATCGGGTTGGGCTTACACATTTTC
CACCATTTTAAACAGGGAGACTGGCAAACAGCTGTATGACAGCGAGACCCCGTCCAGCCAG
GCGGGCAGTCACACTG

Quality: High quality sequence stops at base: 185

Entry Created: May 2 1997
Last Updated: May 18 1997

COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Possible reversed clone: similarity on wrong strand

PUTATIVE ID Assigned by submitter
TR:G642072 G642072 FIBRILLIN-1 ;

LIBRARY

Lib Name: Soares_NhHMPu_S1
Organism: Homo sapiens
Organ: mixed (see below)
Tissue type: Pooled human melanocyte, fetal heart, and pregnant uterus
Lab host: DH10B
Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker
R. Site 1: Not I

R. Site 2: Eco RI
Description: Equal amounts of plasmid DNA from three normalized libraries (melanocyte 2NbHM, pregnant uterus NbHPU, and fetal heart NbHH19W) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 260232-265223, 340488-345479, and 484488-489479.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

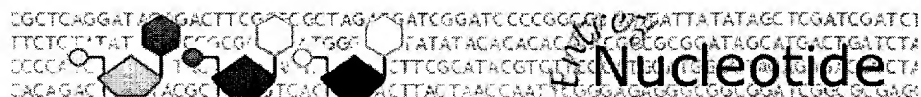
CITATIONS

Title: WashU-Merck EST Project 1997
Authors: Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost ,S., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra,M., Martin ,J., Moore,B., Schellenberg,K., Steptoe,M., Tan,F., Theising ,B., White,Y., Wylie,T., Waterston,R., Wilson,R.
Year: 1997
Status: Unpublished

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dbEST Id: 1318692
EST name: af95g06.s1
GenBank Acc: AA620885
GenBank qi: 2524824

Clone Id: IMAGE:1055578 (3')
Source: IMAGE Consortium, LLNL
Insert length: 1052
DNA type: cDNA

Sequencing: -40m13 fwd. ET from Amersham
PolyA Tail: Unknown

TTTGAACATAAAAAATTCCTTTATTTAACTAATCCAGCCAGTATTGAGATAGTTTGCTATA
TTAAAAACAAGACGTTTAAAAAAATTACAGCAAAGTTAGCAAGGCAGTGACTAATTAAGI
CACTAAGTTTAATTTTATATTCTTCACAGTCATTTTCATAATCATGTAATGGTAAACAATA
TTTTTCAGCCACTTTGGAGATAAGTTAACTTTTGAAAAGAATAGAATTCTAGTAGTCGTCA
TTGAATTTTATAAAAGAGGTTTAAAAACATTAAAGTTTCCAGAAATAACACAGTAAAGAAA
TATGAAAAATAACTGGAAATTAATAATATACCCACCCATCCGAAAAATCTACATCATCTCT
TTCATTGTGCCCCAATGCCTTTC

Quality: High quality sequence stops at base: 344

Entry Created: Oct 15 1997

Last Updated: Mar 2 1998

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

Lib Name: Soares_testis_NHT
Organism: Homo sapiens
Sex: male
Lab host: DH10B
Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker
R. Site 1: Not I
R. Site 2: Eco RI
Description: 1st strand cDNA was prepared from mRNA obtained from Clontech Laboratories, Inc., and primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGGCCGCCCAATTTTTTTTTTTTTTTTTT 3']. Double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization to Cot5, and was constructed by Bento Soares and M. Fatima Bonaldo.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: WashU-NCI human EST Project
Authors: Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost,S., Krizman,D., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra,M., Martin,J., Moore,B., Schellenberg,K., Steptoe,M., Tan,F., Theising,B., White,Y., Wylie,T., Waterston,R., Wilson,R.
Year: 1997
Status: Unpublished

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CGCTCAGGATAGGACTTCGCTAGATGATCGGATCCCGGGGATTATATAGCTCGATCGATCT
TTCTCTATATTCGCGGATGGGATATATACACACACACCGGCGGATAGCATGACTGATCTA
GCGGATATATTCGCGGATGGGATATATACACACACACCGGCGGATAGCATGACTGATCTA
CACAGATATATTCGCGGATGGGATATATACACACACACCGGCGGATAGCATGACTGATCTA

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Protein

Genome

Structure

PMC

Taxonomy

OMIM

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Nucleotide

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☐ 1: AI368878.qw15a11.x1 NCI_CG...[gi:4147631]

Links

IDENTIFIERS

dbEST Id: 2157828
EST name: qw15a11.x1
GenBank Acc: AI368878
GenBank gi: 4147631

CLONE INFO

Clone Id: IMAGE:1991132 (3')
Source: NCI
Insert length: 3608
DNA type: cDNA

PRIMERS

Sequencing: -40UP from Gibco
PolyA Tail: Unknown

SEQUENCE

TTTTTTTTTAACATAAAAATTCTTTATTTAACCTAATCCAGCCAGTATTGAGATAGTTTGC
TATATTAAAAACAAGACGTTTAAAAAATTACAGCAAAGTTAGCAAGGCAGTGACTAATT
AAGTCACTAAGTTTAATTTTATATTCTTCACAGTCATTTTCATAATCATGTAATGGTAAAC
AATATTTTCAGCCACTTTGGAGATAAGTTAACTTTTGAAAAGAATAGAATTCTAGTAGTC
GTCATTGAATTTTATAAAAGAGGTTTAAACATTAAAGTTTCCAGAAATAACACAGTAAA
GAAATATGAAAATAAACTGGAAAATAAAATATACCCACCCATCCGAAAAATCTACATCAT
CTCTTTCATTTGTCCCAATGCCTTTCTTTTACCTCTCCATTTACTTTTCCTA

Quality: High quality sequence stops at base: 399

Entry Created: Jan 11 1999
Last Updated: Feb 15 1999

COMMENTS

Tissue Procurement: Christopher Moskaluk, M.D., Ph.D.,
Michael R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing
Center
Clone distribution: NCI-CGAP clone distribution information
can be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

LIBRARY

Lib Name: NCI_CGAP_Ut3
Organism: Homo sapiens
Organ: uterus
Tissue type: poorly-differentiated endometrial adenocarcinoma, 2 pooled
tumors
Lab host: DH10B

Vector: pCMV-SPORT6
R. Site 1: SalI
R. Site 2: NotI
Description: Cloned unidirectionally. Primer: Oligo dT. Average insert size 1.45 kb. Life Technologies catalog #: 11541-018

SUBMITTER

Name: Robert Strausberg, Ph.D.
E-mail: cgapbs-r@mail.nih.gov

CITATIONS

Title: National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>
Year: 1997
Status: Unpublished

MAP DATA

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Description: 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGGCCGCATTTTTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from 4 multiple sclerosis lesions from one patient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH).

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

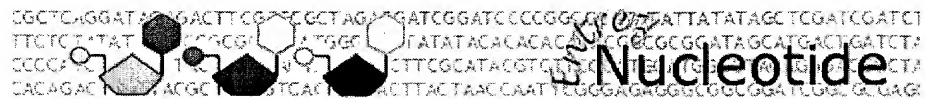
CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfig,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P., Wilson,R.
Year: 1995
Status: Unpublished

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Lib Name: Soares melanocyte 2NbHM
Organism: Homo sapiens
Sex: Male
Tissue type: melanocyte
Lab host: DH10B (ampicillin resistant)
Vector: pT7T3D (Pharmacia) with a modified polylinker
R. Site 1: Not I
R. Site 2: Eco RI
Description: 1st strand cDNA was primed with a Not I - oligo(dT) primer
[5' TGTTACCAATCTGAAGTGGGAGCGGCCGAGTTTTTTTTTTTTTTTTTTT 3']

double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from normal foreskin melanocytes (FS374) was kindly provided by Dr. Anthony P. Albino.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P.,
Wilson,R.
Year: 1995
Status: Unpublished

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CGCTCAGGATAGGACTTCGTCCTAGGATCGGATCCCGGCTATGATTATATAGCTCGATCGATCT
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CCCCATCTTCGCATACGTCT
CACAGACCTACGCTCTCACTTACTTAACCAATTEGGGAGAGGGGCGGCGGATCTCTCTCTCTCT

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Taxonomy

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 Show: ☐ 1: T87560.yd83b10.r1 Soares...[gi:715912]

Links

IDENTIFIERS

dbEST Id: 157681
EST name: yd83b10.r1
GenBank Acc: T87560
GenBank gi: 715912
GDB Id: 470428

CLONE INFO

Clone Id: IMAGE:114811 (5')
Insert length: 1110
DNA type: cDNA

PRIMERS

Sequencing: M13RP1
PolyA Tail: Unknown

SEQUENCE

NTAATACTGAGAGCGGAAGATTTTTTTTAAAGAGATATGGTAGTTTAAATAGGTTTGTTTA
AAGAACTCTTGGGAAATTTCTTAACAAATTGTAATTGTTTTTATAAACCTTCTACAGAG
TTGTGTACCATTTCATCATCACCATCATTTAATATCTGTAAGTGCCCAAGGTACAAGGT
GCTATACAGCCGTTAAACACCCCCCTCCCTGCAACTGTTTAAAATTAGAATAGATTTTTGC
ATCAACCACTGCTAGAAGCTTTCCCCACCTAGGTGGCCTGGCAAGGGCCTGCATTCCCAA
CATCCCATACATGTTTCCCACTCCAGAAAGTCTCTGGGGTTTATTCCAGCNTTTTTATC
NTGGACGTGTCCCNNTTTCACCCCCCTGGGT'TTGGGT'TGGGT'TGGGT'TGTTTTTAAANTC
AGGAAAGTTTTCAGGGATTCAAAGGGGGTCNGGACNTTTTTTAACCCGGCGGAGTACAGG
TCCNTTTTTTGTCTANGGTTTTGTTGTGGTACAGGNAACCCANTTGGCCNTTAGTGTGT
GGGTAGTTGT

Quality: High quality sequence stops at base: 324

Entry Created: Mar 17 1995

Last Updated: Mar 17 1995

COMMENTS

Insert Size: 1110
High quality sequence stops: 324 Source: IMAGE Consortium,
LLNL This clone is available royalty-free through LLNL ;
contact the IMAGE Consortium (info@image.llnl.gov) for
further information.

LIBRARY

Lib Name: Soares fetal liver spleen 1NFLS
Organism: Homo sapiens
Sex: male
Organ: Liver and Spleen
Develop. stage: 20 week-post conception fetus
Lab host: DH10B (ampicillin resistant)
Vector: pT7T3D (Pharmacia) with a modified polylinker

R. Site 1: Pac I
R. Site 2: Eco RI
Description: 1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified pT7T3 vector. Library went
through one round of normalization. Library constructed by
Bento Soares and M.Fatima Bonaldo.

SUBMITTER

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Institution: Washington University School of Medicine
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Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

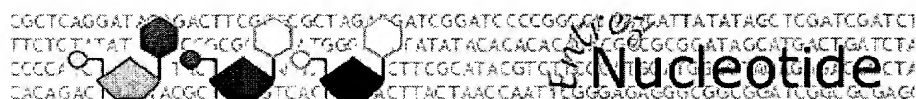
CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P.,
Wilson,R.
Year: 1995
Status: Unpublished

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dbEST Id: 3658251
EST name: xv76c12.x1
GenBank Acc: AW275150
GenBank qi: 6662180

Clone Id: IMAGE:2819062 (3')
Source: NCI
DNA type: cDNA

Sequencing: -40UP from Gibco
PolyA Tail: Unknown

TTTTTTTGTAGGAATGAGCAATTTATTTCAATAAAGAGAAAGCATTAAATTTTGCTACAGTG
GGAAAAAATGAACTCAAGAGTTGCTACATTTAACTGTATCCCCATTTATCTCTGCACGAT
GTCTTTATCTCAGTGTCTCAATTCACACTAAAATATTGAATGAGAAATACACCACGTTGG
CTGATTGCTTGACATGTCTGATTTAGGGGAGACTTCTACAACCACTCCTCTCTTTTTTCTC
CCAGTAAATACTTTTGACTTTGACACCTACCATATTGGAAATGACAGGTGCCCGAGGGCA
AGTGCATCAAAGCAGTTAGGATTCTGAATGCTTGCTAAGGATTATTTTTTTAATGGAGCAG
TTCTATTGAATCCTGAAAATGCAGAACCCAGTGAATCTCCTTTAT

Quality: High quality sequence stops at base: 404

Last Updated: Jan 3 2000

Tissue Procurement: Chris Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D. cDNA Library Preparation: Life Technologies, Inc. cDNA Library Arrayed by: Christa Prange, The I.M.A.G.E. Consortium DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

```

Lib Name:      NCI_CGAP_Lu28
Organism:      Homo sapiens
Organ:         lung
Tissue type:   two pooled squamous cell carcinomas
Lab host:      DH10B
Vector:        pCMV-SPORT6
R. Site 1:     SalI
R. Site 2:     NotI

```

Description: Cloned unidirectionally. Primer: Oligo dT. Library constructed by Life Technologies.

SUBMITTER

Name: Robert Strausberg, Ph.D.
E-mail: cgapbs-r@mail.nih.gov

CITATIONS

Title: National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>
Year: 1997
Status: Unpublished

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CGCTCAGGATGAGACTTCTGCTAGAGATCGGATCCCGGGGATTATTATATAGCTCGATCGATC
ITCTCTATATTCGGGATGGAATATATACACACACATCGCGGGATAGCATGACTGATCTA
CCCCATCT
CACAGACT

PubMed

Nucleotide

Protein

Genome

Structure

PMC

Taxonomy

OMIM

Bio

Search **Nucleotide** for

Go

Clear

Limits

Preview/Index

History

Clipboard

Details

Display

default

Show:

20

Send to

File

☐ 1: AI521564. to64g08.x1 NCI_CG...[gi:4435699]

Links

IDENTIFIERS

dbEST Id: 2337724
EST name: to64g08.x1
GenBank Acc: AI521564
GenBank gi: 4435699

CLONE INFO

Clone Id: IMAGE:2183102 (3')
Source: NCI
Insert length: 4578
DNA type: cDNA

PRIMERS

Sequencing: -40UP from Gibco
PolyA Tail: no

SEQUENCE

AGCGGCCGCCCTTTTTTTTTTTTTTTTTTTTTTTTGGAGGAATGAGCAATTTATTTCAATAAAG
AGAAAGCATTAATTTTGCTACAGTGGGAAAAAATGAACTCAAGAGTTGCTACATTTAACT
GTATCCCCATTTATCTCTGCACGATGTCTTTATCTCAGTGTCTCAATTCACACTAAAATA
TTGAATGAGAAATACACCACGTTGGCTGATTGCTTGACATGTCTGATTTAGGGGAGACTTC
TACAACCACTCCTCTCTTTTTTCTCCAGTAAATACTTTTGACTTTGACACCTACCATAT
TGGAAATGACAGGTGCCCCAGGGCAAGTGCATCAAAGCAGTTAGGATTCTGAATGCTTGCT
AAGGATTATTTTTTAAATGGAGCAGTTCTATTGAATCCTGAAAATGCAGAACCCAG

Quality: High quality sequence stops at base: 371

Entry Created: Mar 16 1999
Last Updated: May 12 1999

COMMENTS

Tissue Procurement: Christopher Moskaluk, M.D., Ph.D.,
Michael R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing
Center
Clone distribution: NCI-CGAP clone distribution information
can be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

LIBRARY

Lib Name: NCI_CGAP_Gas4
Organism: Homo sapiens
Organ: stomach
Tissue type: poorly differentiated adenocarcinoma with signet ring cell
features
Lab host: DH10B

Vector: pCMV-SPORT6
R. Site 1: SalI
R. Site 2: NotI
Description: Cloned unidirectionally. Primer: Oligo dT. Average insert
size 1.69 kb. Life Technologies catalog #: 11549-011

SUBMITTER

Name: Robert Strausberg, Ph.D.
E-mail: cgapbs-r@mail.nih.gov

CITATIONS

Title: National Cancer Institute, Cancer Genome Anatomy Project
(CGAP), Tumor Gene Index
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>
Year: 1997
Status: Unpublished

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